EP0760060

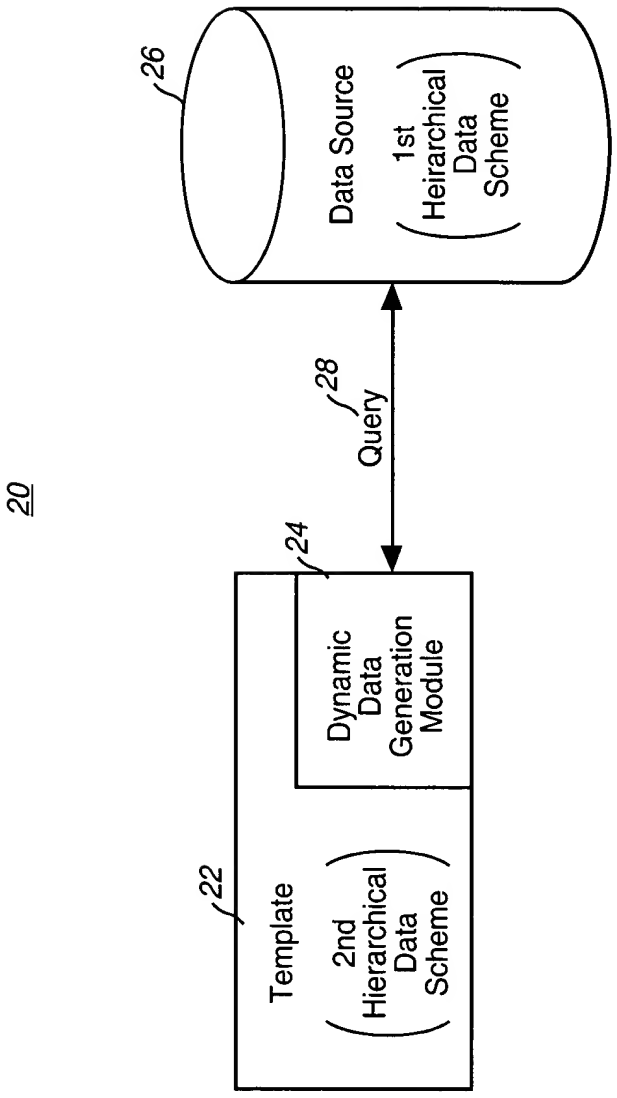

FIG. 1

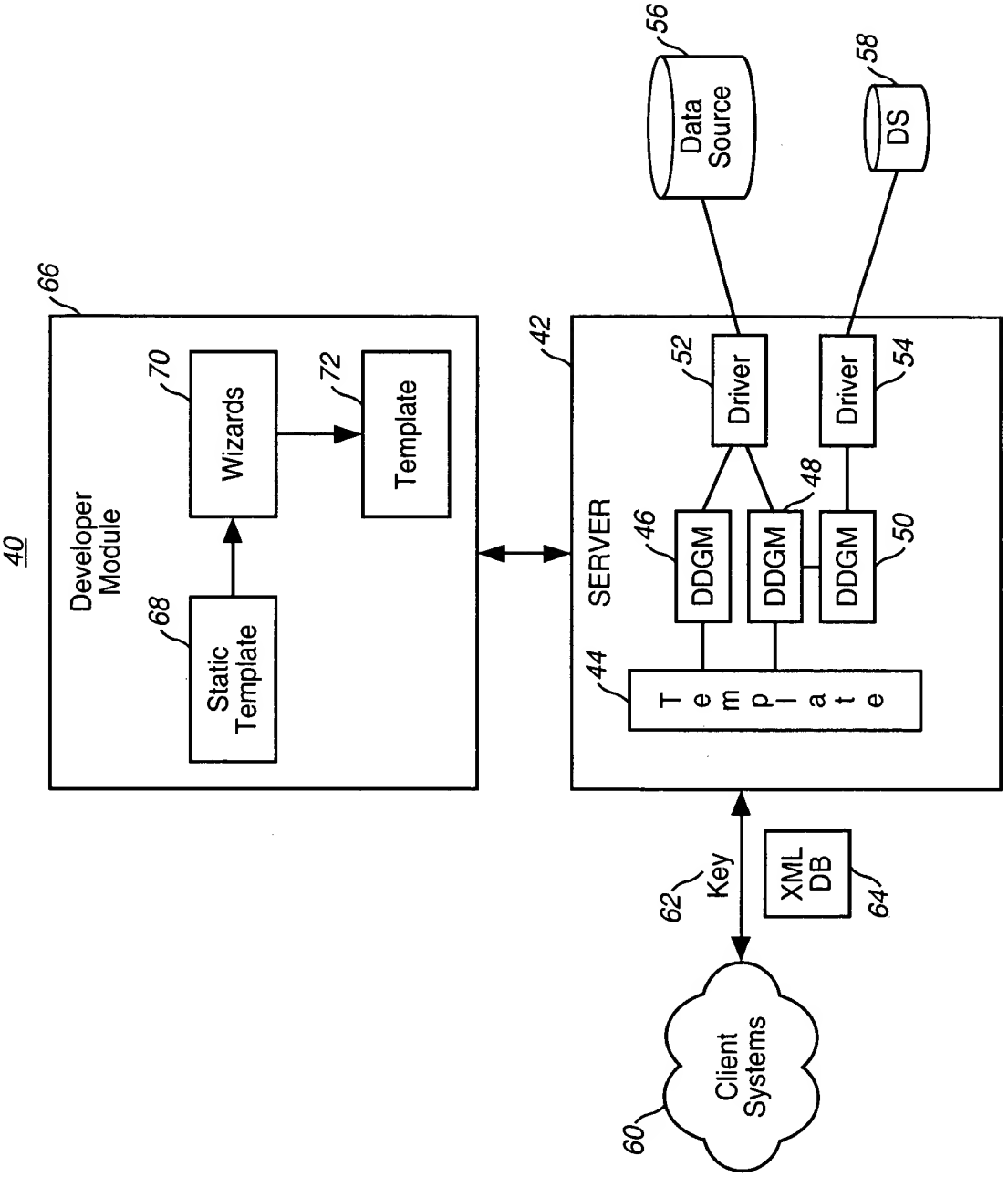
40
Developer Module
66
Wizards
70
Template
72
Static Template
68
SERVER
42
Template
44
DDGM
46
DDGM
48
DDGM
50
Driver
52
Driver
54
Data Source
56
DS
58
Key
62
XML DB
64
Client Systems
60

FIG. 2

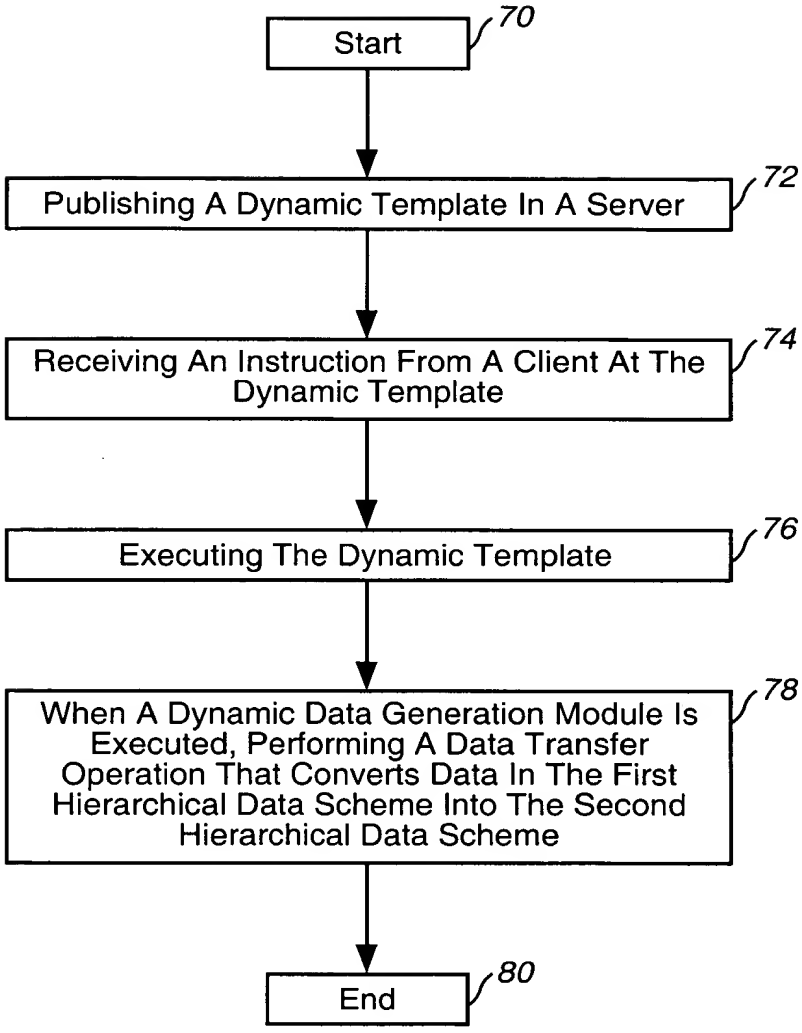

FIG. 3

Attorney Docket No. 10040701-1

EP 0 940 760 A2

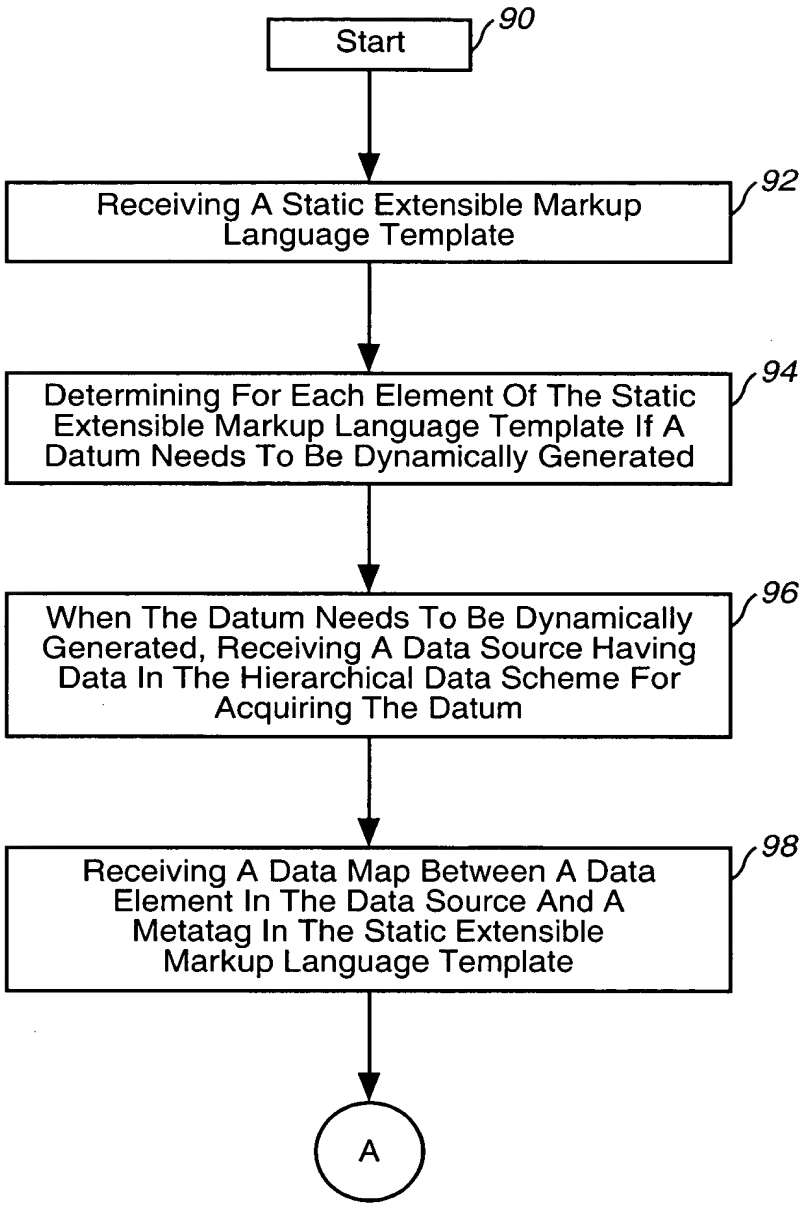

FIG. 4

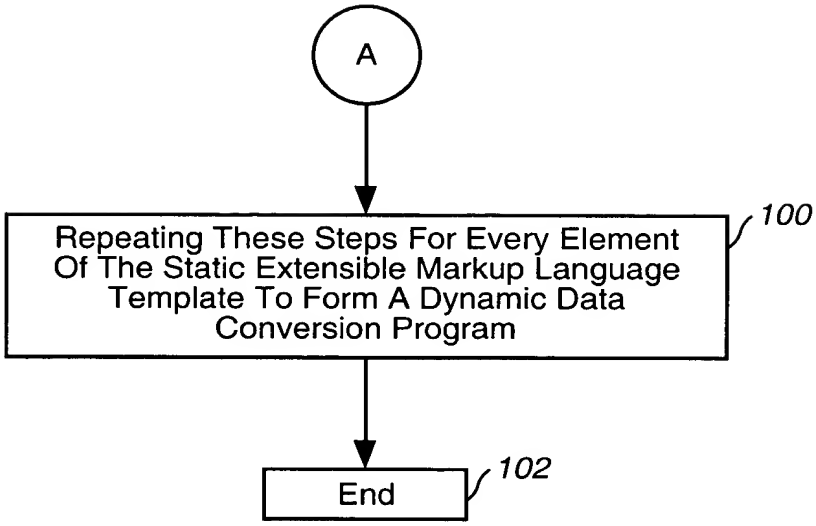

FIG. 5

10/10/50 "2005/50

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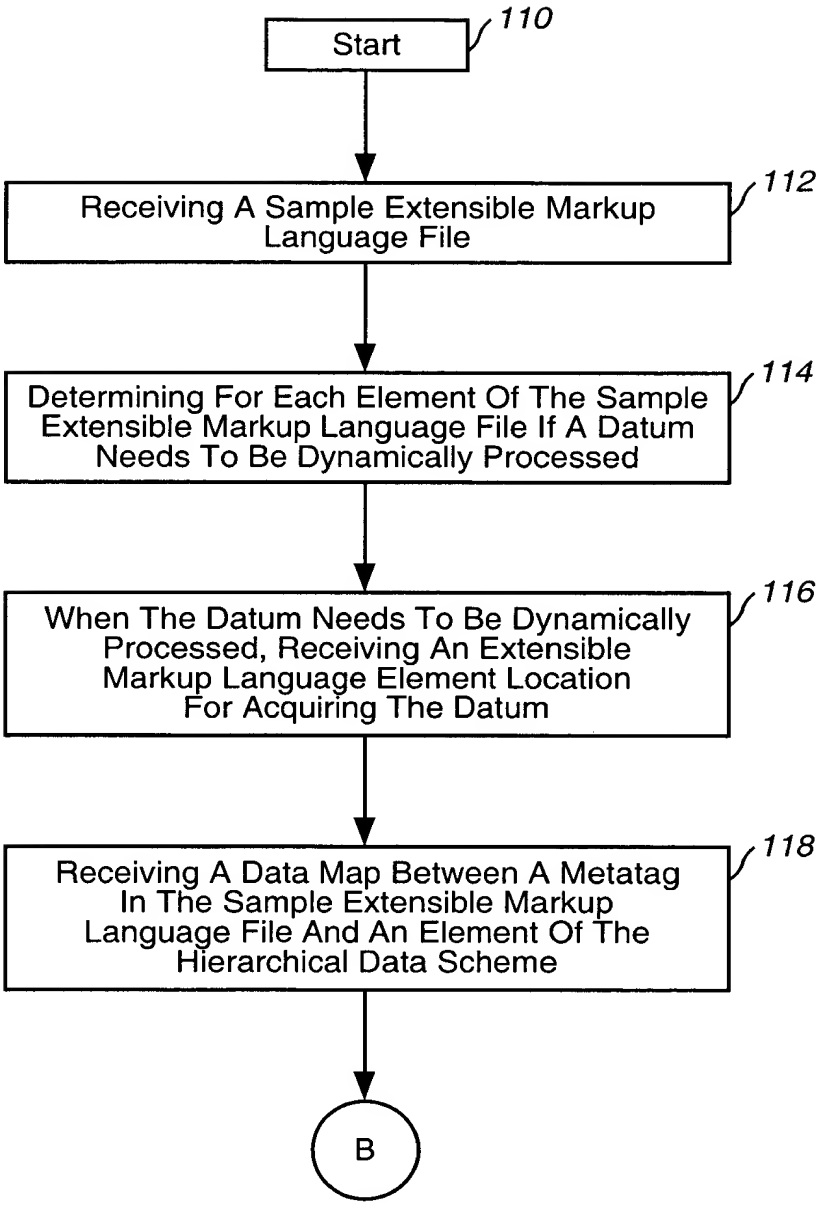

FIG. 6

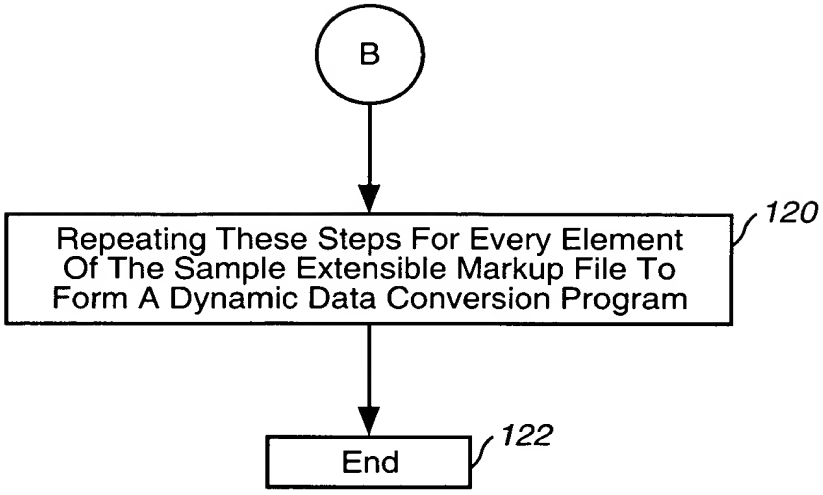

FIG. 7

EP 1 054 060 A2

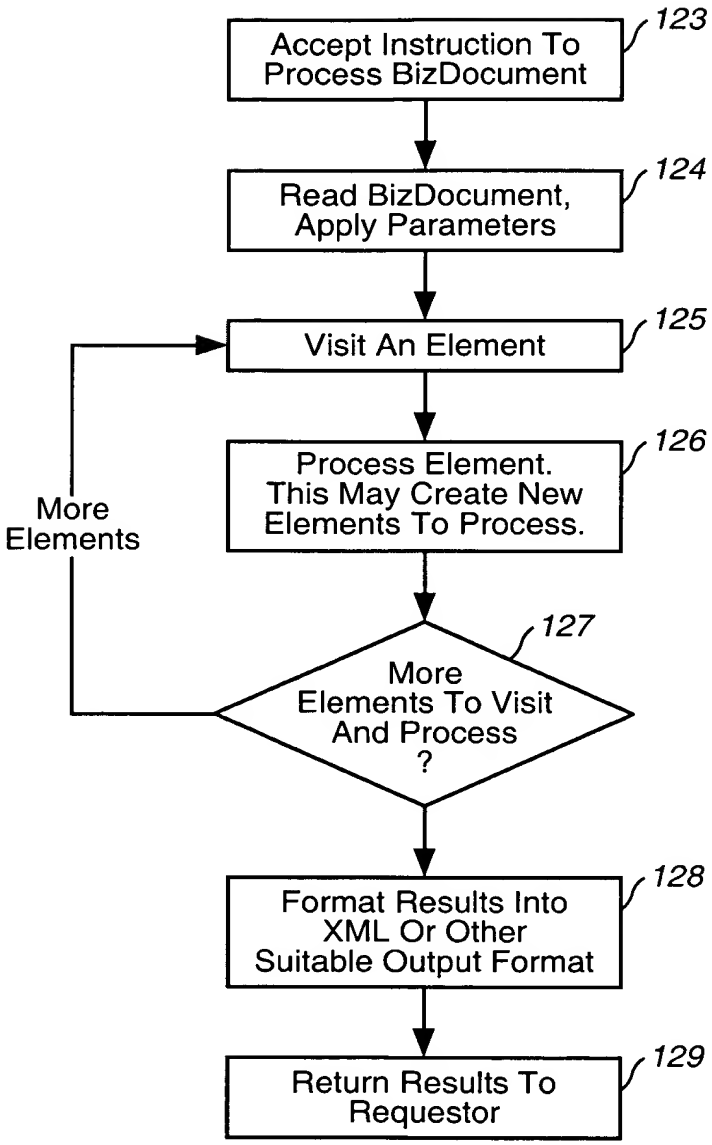

FIG. 8

EP 1 045 320 A2

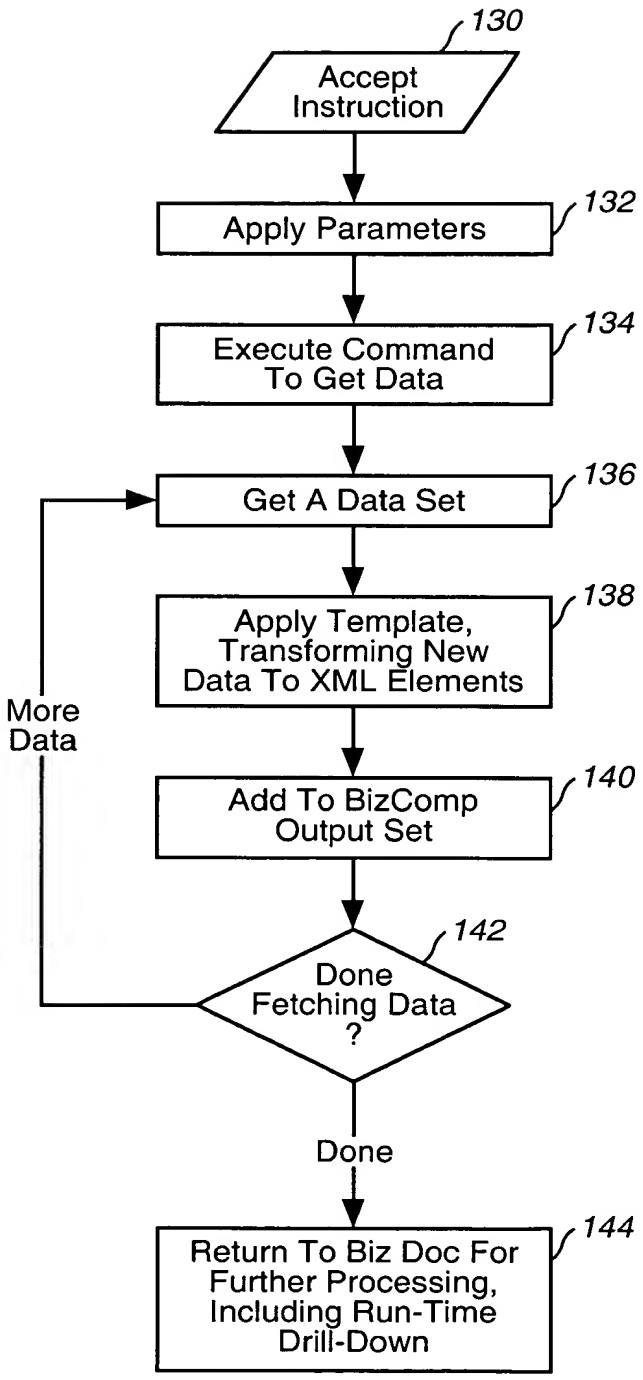
130
Accept Instruction
132
Apply Parameters
134
Execute Command To Get Data
136
Get A Data Set
138
Apply Template, Transforming New Data To XML Elements
140
Add To BizComp Output Set
142
Done Fetching Data ?
More Data
Done
144
Return To Biz Doc For Further Processing, Including Run-Time Drill-Down

FIG. 9

Toh050 6700060

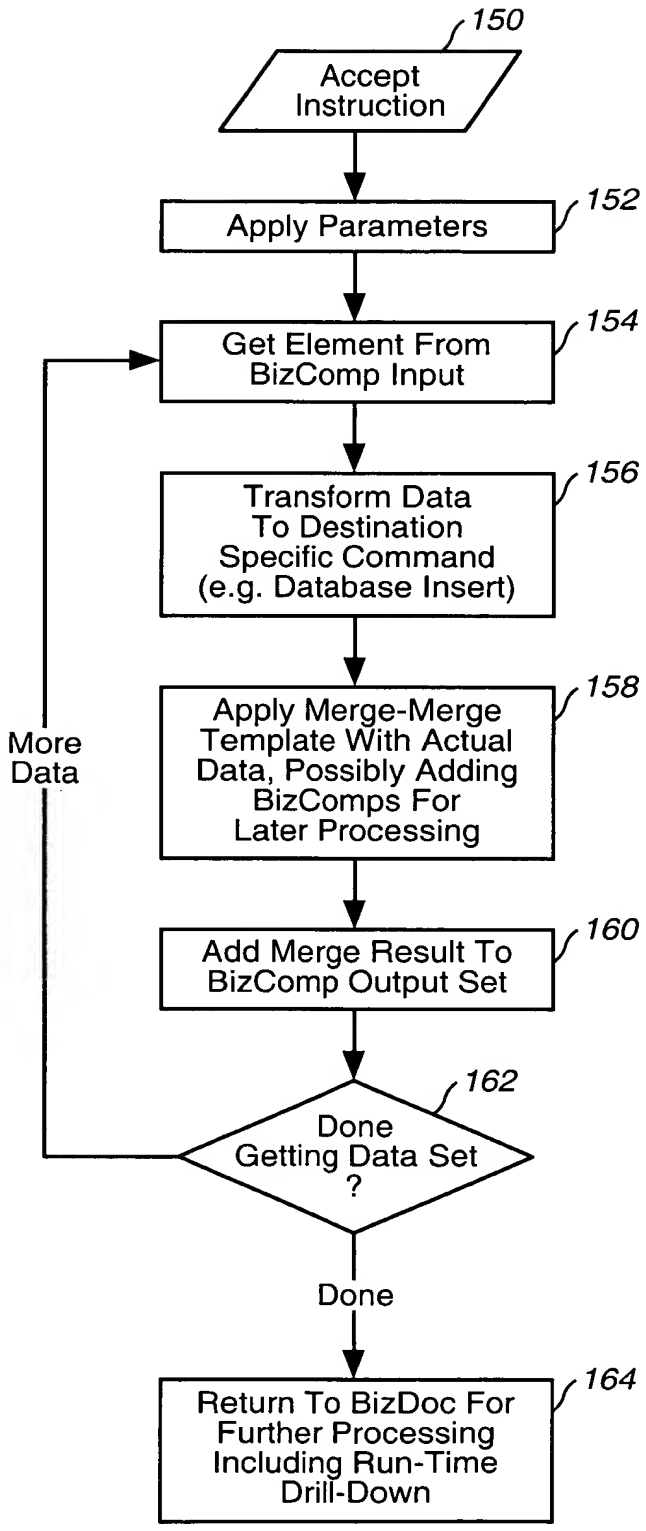

FIG. 10

200

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE PurchaseOrderList SYSTEM "PurchaseOrderList.dtd">
<PurchaseOrderList>
   <PurchaseOrder PONumber="6080">
      <Header>
         <fromCust acct="CST1"/>
         <acctRep/>
         <OrigDate>6/13/2000</OrigDate>
         <RequiredDate>05/20/2000</RequiredDate>
      </Header>
      <ShipTo>
         <company>Simple Nutrition, Inc.</company>
         <address1>4585 Granby Cir</address1>
         <city>Colorado Springs</city>
         <stateProvince>CO</stateProvince>
         <country>USA</country>
         <postalCode>80919</postalCode>
      </ShipTo>
      <Items>
         <Item>
            <product>Tofu</product>
            <prodno>14</prodno>
            <unitprice>23.25</unitprice>
            <qty>2</qty>
            <discount>0.05</discount>
         </Item>
         <Item>
            <product>Chai</product>
            <prodno>1</prodno>
            <unitprice>18</unitprice>
            <qty>3</qty>
            <discount>0.10</discount>
         </Item>
      </Items>
   </PurchaseOrder>
</PurchaseOrderList>
```

FIG. 11

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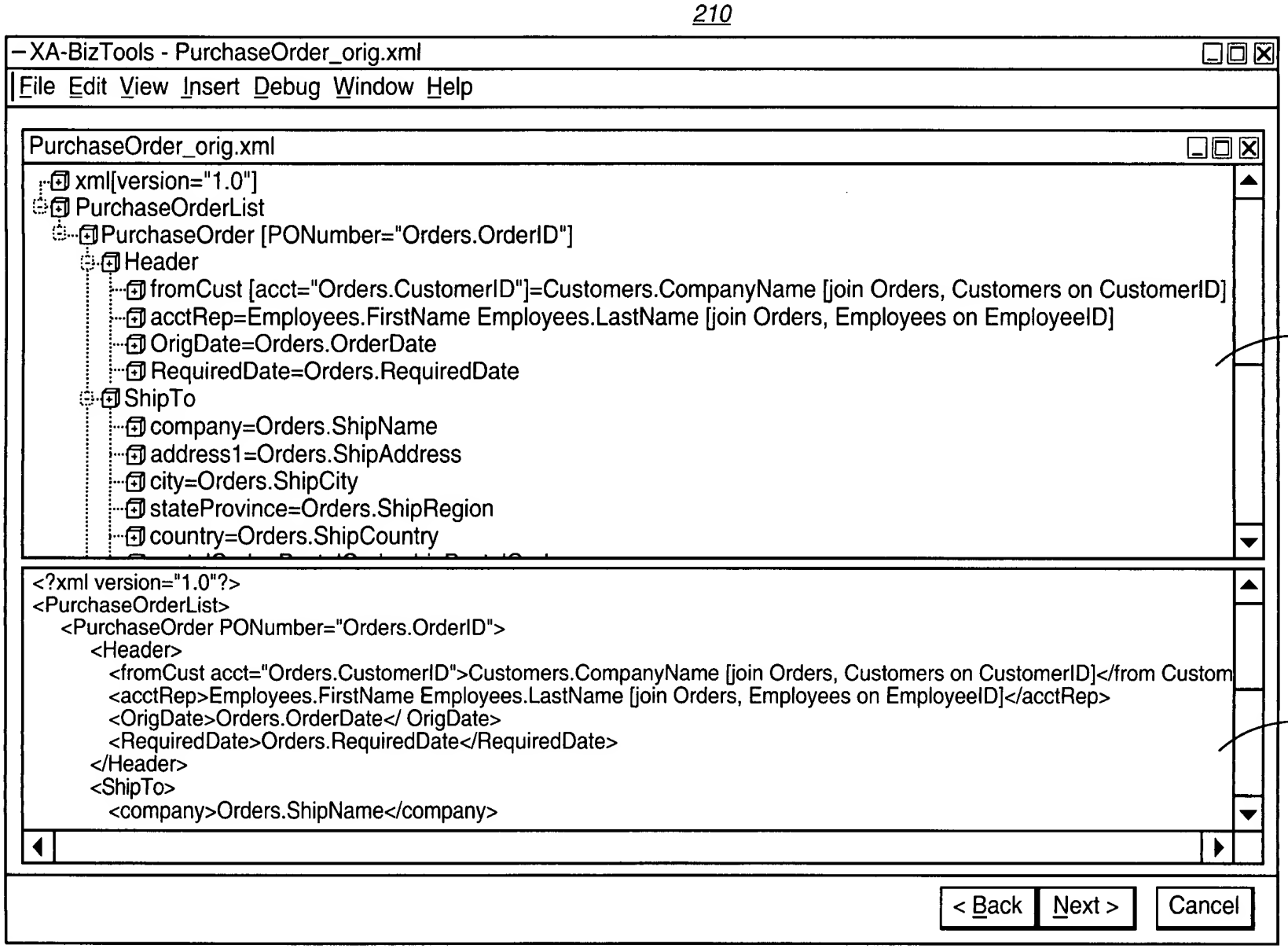

FIG. 12

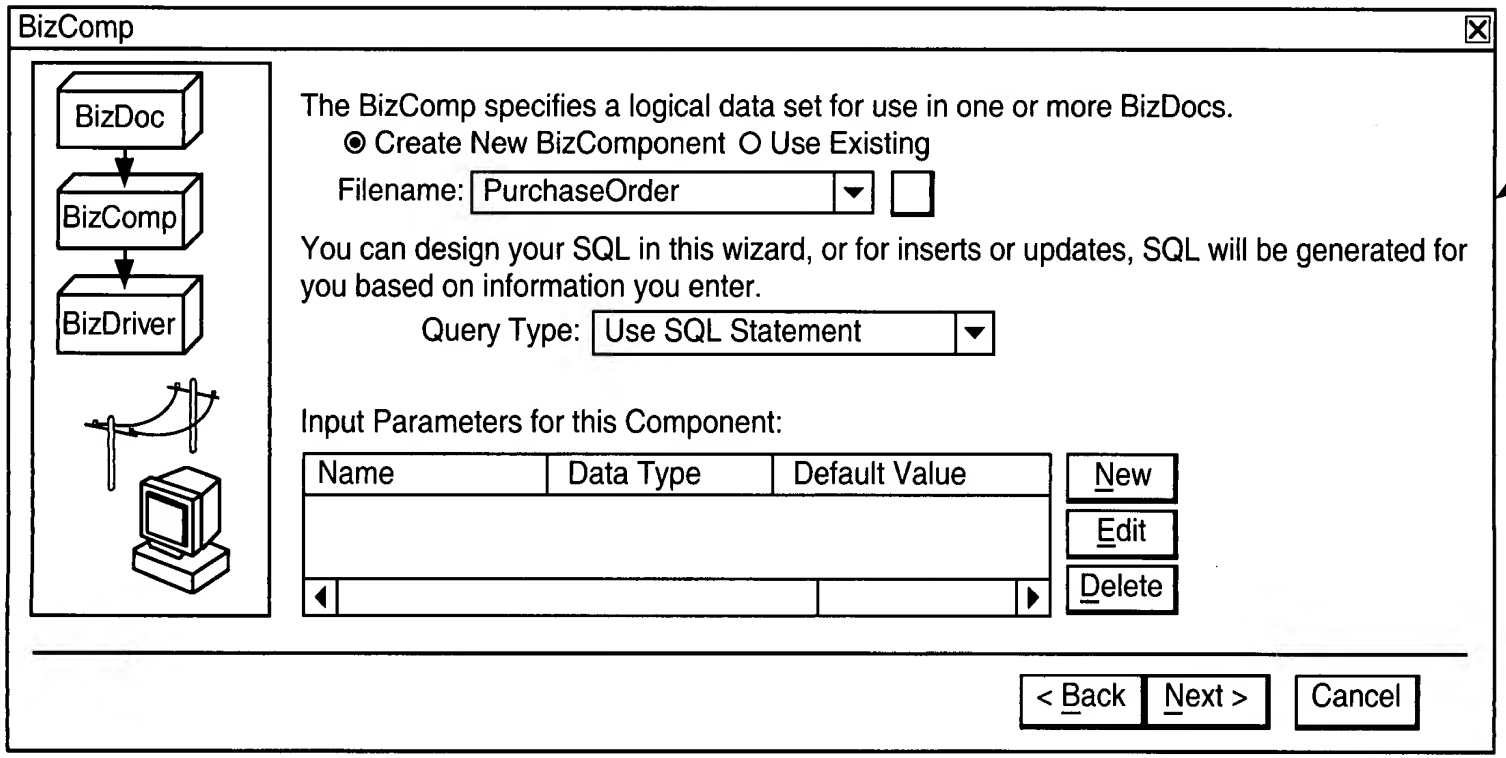
BizComp
BizDoc
BizComp
BizDriver
The BizComp specifies a logical data set for use in one or more BizDocs.
Create New BizComponent
Use Existing
Filename:
PurchaseOrder
220
You can design your SQL in this wizard, or for inserts or updates, SQL will be generated for you based on information you enter.
Query Type:
Use SQL Statement
Input Parameters for this Component:
Name
Data Type
Default Value
New
Edit
Delete
< Back
Next >
Cancel

FIG. 13

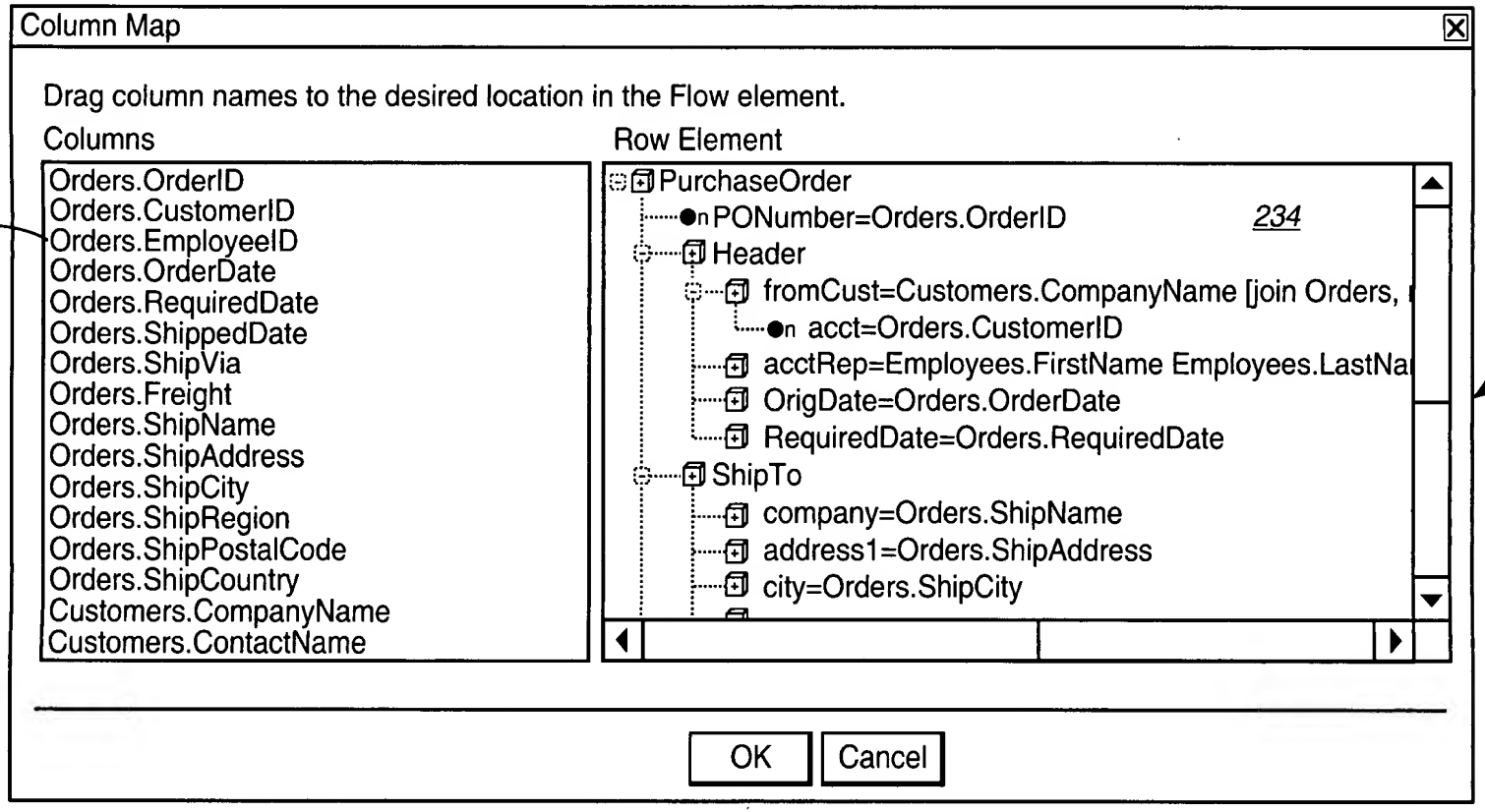
Column Map
Drag column names to the desired location in the Flow element.
Columns
Row Element
232
Orders.OrderID
Orders.CustomerID
Orders.EmployeeID
Orders.OrderDate
Orders.RequiredDate
Orders.ShippedDate
Orders.ShipVia
Orders.Freight
Orders.ShipName
Orders.ShipAddress
Orders.ShipCity
Orders.ShipRegion
Orders.ShipPostalCode
Orders.ShipCountry
Customers.CompanyName
Customers.ContactName
PurchaseOrder
PONumber=Orders.OrderID
234
Header
fromCust=Customers.CompanyName [join Orders,
acct=Orders.CustomerID
acctRep=Employees.FirstName Employees.LastNa
OrigDate=Orders.OrderDate
RequiredDate=Orders.RequiredDate
ShipTo
company=Orders.ShipName
address1=Orders.ShipAddress
city=Orders.ShipCity
230
OK
Cancel

FIG. 14

240

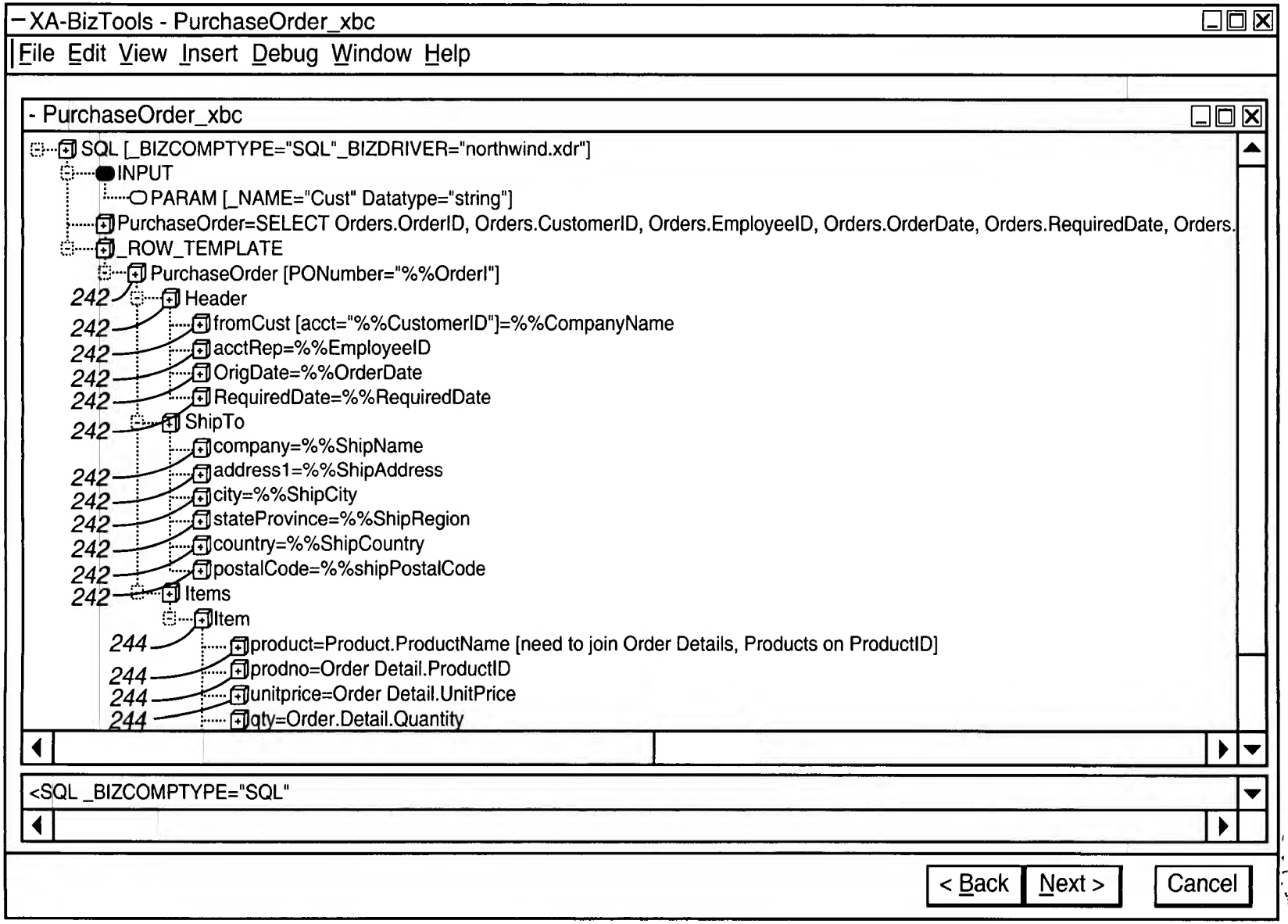
XA-BizTools - PurchaseOrder_xbc
File Edit View Insert Debug Window Help
- PurchaseOrder_xbc
SQL [_BIZCOMPTYPE="SQL"_BIZDRIVER="northwind.xdr"]
INPUT
PARAM [_NAME="Cust" Datatype="string"]
PurchaseOrder=SELECT Orders.OrderID, Orders.CustomerID, Orders.EmployeeID, Orders.OrderDate, Orders.RequiredDate, Orders.
_ROW_TEMPLATE
PurchaseOrder [PONumber="%%OrderI"]
242
Header
242
fromCust [acct="%%CustomerID"]=%%CompanyName
242
acctRep=%%EmployeeID
242
OrigDate=%%OrderDate
242
RequiredDate=%%RequiredDate
242
ShipTo
company=%%ShipName
242
address1=%%ShipAddress
242
city=%%ShipCity
242
stateProvince=%%ShipRegion
242
country=%%ShipCountry
242
postalCode=%%shipPostalCode
242
Items
Item
244
product=Product.ProductName [need to join Order Details, Products on ProductID]
244
prodno=Order Detail.ProductID
244
unitprice=Order Detail.UnitPrice
244
qty=Order.Detail.Quantity
<SQL _BIZCOMPTYPE="SQL"
< Back
Next >
Cancel

FIG. 15